

Rapid, In-Field Speciation of Cr(VI) in Aqueous Samples Using Photoluminescent MoS₂ Quantum Dots and Portable Fluorimetry with Digital Image Analysis

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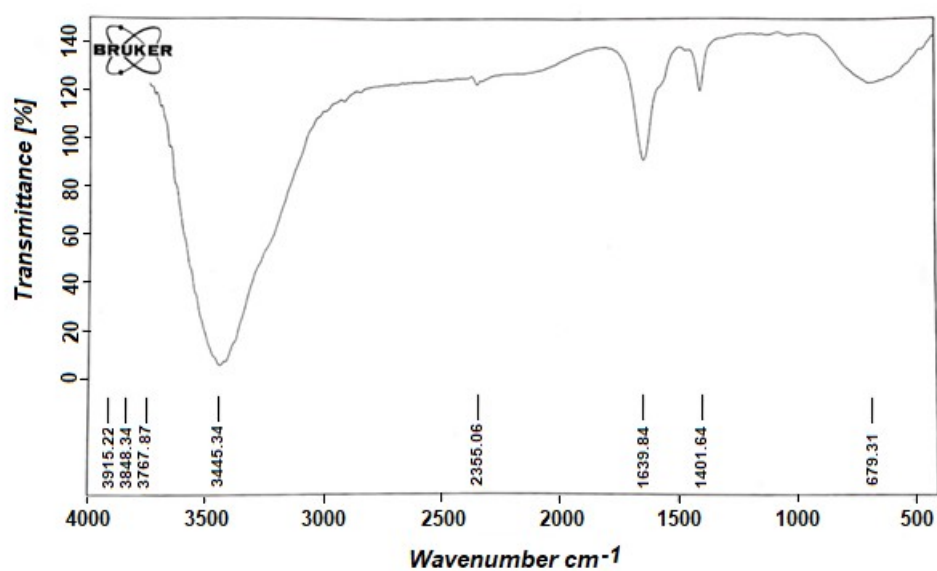


Fig. 1S. IR spectrum of MoS₂ QDs

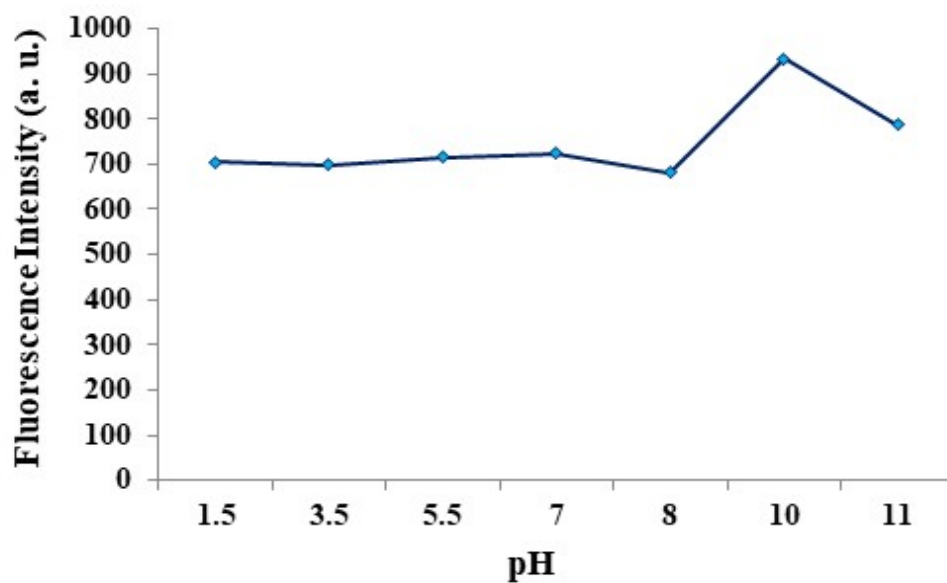


Fig. 2S. Effect of pH on MoS₂ QDs fluorescence intensity

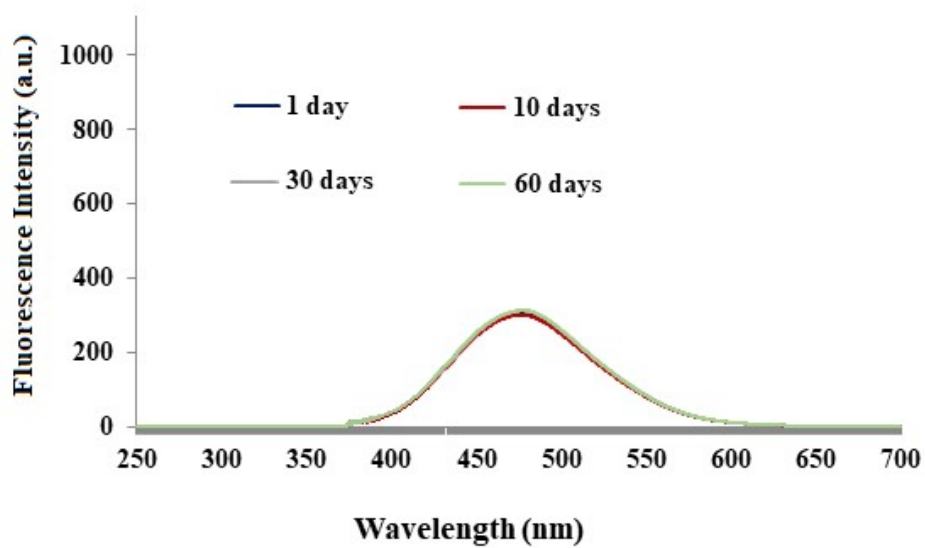


Fig. 3S. Fluorescence spectrum of MoS₂ QDs on different days

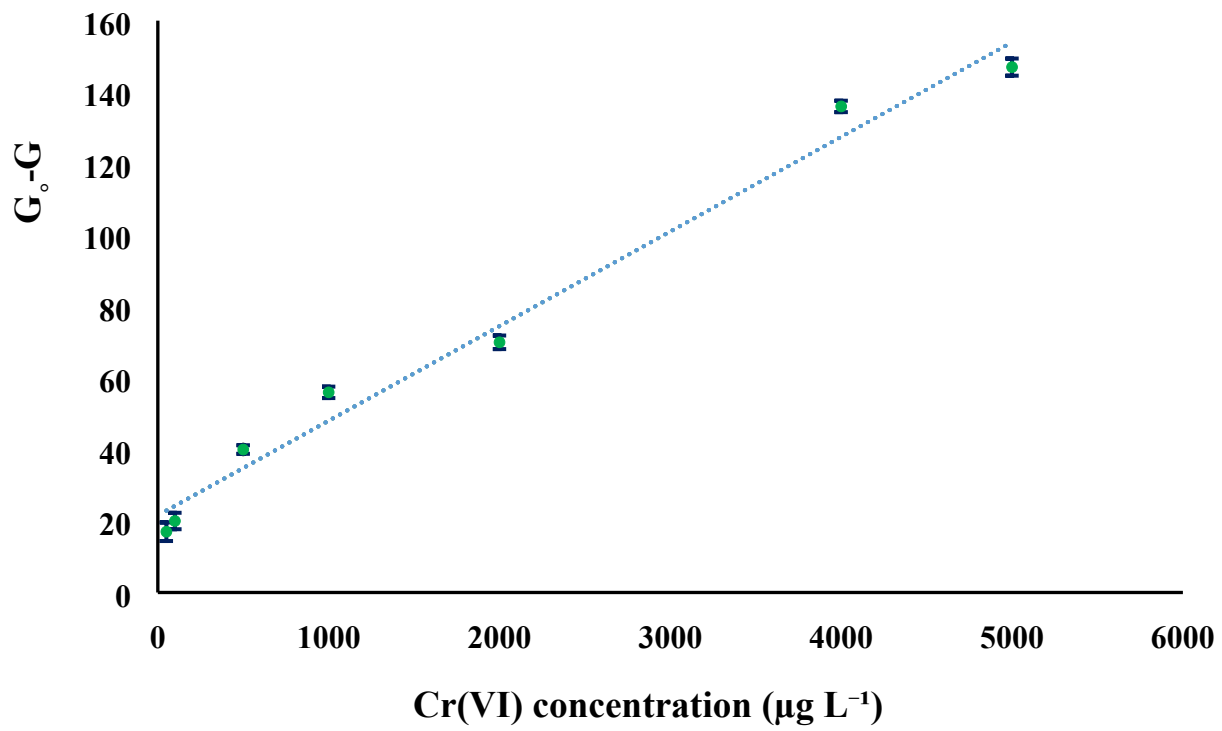


Fig. 4S. The calibration curves obtained by the proposed method based on the self-constructed fluorimeter.